

CERP: Biscayne Bay Coastal Wetlands Phase I Project

Biscayne Bay Regional Coordination Team Meeting

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Project Manager

Jacksonville, FL

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***Team of Professionals Making Tomorrow
Better***





Biscayne Bay Coastal Wetlands



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- Phase I of the project received Congressional authorization in the Water Resources Reform and Development Act (WRRDA) of 2014.
- Phase I is the first step toward meeting the restoration goals by rehydrating coastal wetlands and reducing point source freshwater discharge.
- The project will improve the ecology in the freshwater wetlands, tidal creeks, and near-shore habitat of the bay and Biscayne National Park.

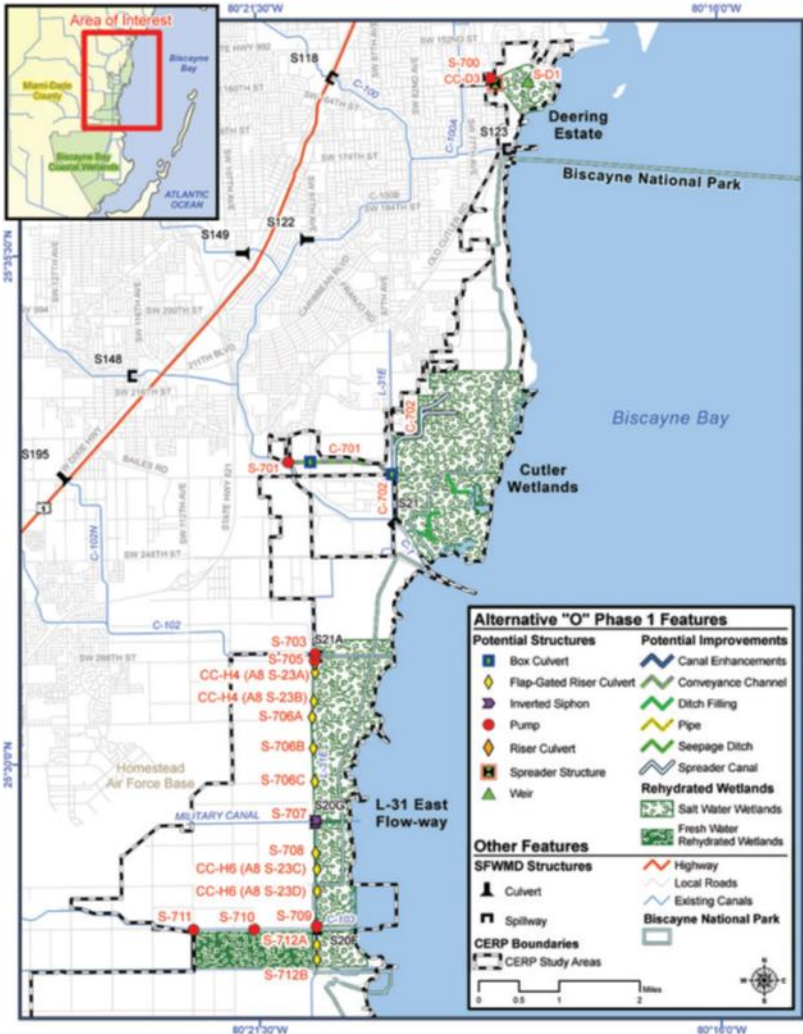




Construction Completed by SFWMD



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CONTRACT	COMPONENTS	SCHEDULE
Contract 1 Deering Estate	<ul style="list-style-type: none">C-100A Spur Canal Extension (intake canal), 580 linear feet (LF).S-700 Pump Station (100 cfs)560 LF – 60-inch Concrete PipeCulvert Crossing at Old Cutler Road (75 LF)Outflow StructureWetland (2.5 acres)	Completed 2012
Contract 2 L-31E Flow-way Culverts	<ul style="list-style-type: none">Four (4) CMP culverts with flap gates and manatee barriers (50 LF long)	Completed 2010



L-31E Flow-way Components by USACE



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CONTRACT

COMPONENTS

SCHEDULE

Contract 3 North of North Canal	<ul style="list-style-type: none">Two (2) CMP culverts with flap gates and manatee barriers (S-712 A & B)	Construction Complete July 2017
Contract 4 Between C-102 and C-103	<ul style="list-style-type: none">Pump Station, S-703 (50 cfs)Pump Station, S-705 (100 cfs)Culverts S-706 A, B, & CPump Station, S-709 (40 cfs)Culvert S-709 at C-103 and L-31E Canal intersection	Award Construction Contract December 2018
Contract 5 North Canal Wetlands	<ul style="list-style-type: none">Pump Station, S-710 (40 cfs)Pump Stations, S-711 (40 cfs)Spreader Canal, SC-711ESeepage Collection Ditch, C-711W	Begin Design October 2018



L-31E Flow-way S-712A and S-712B Culvert Construction

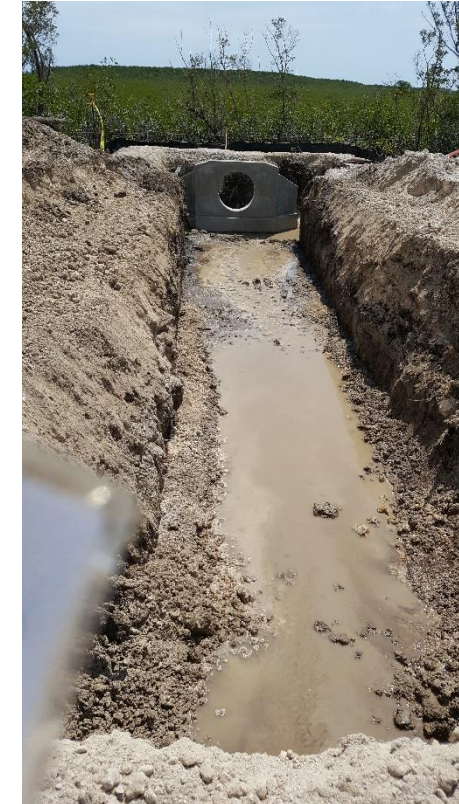


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Photos from 26 April 2017



S-712A CMP Culvert painted with asphalt coating ready for installation. The culverts will have flap gates and manatee barriers.



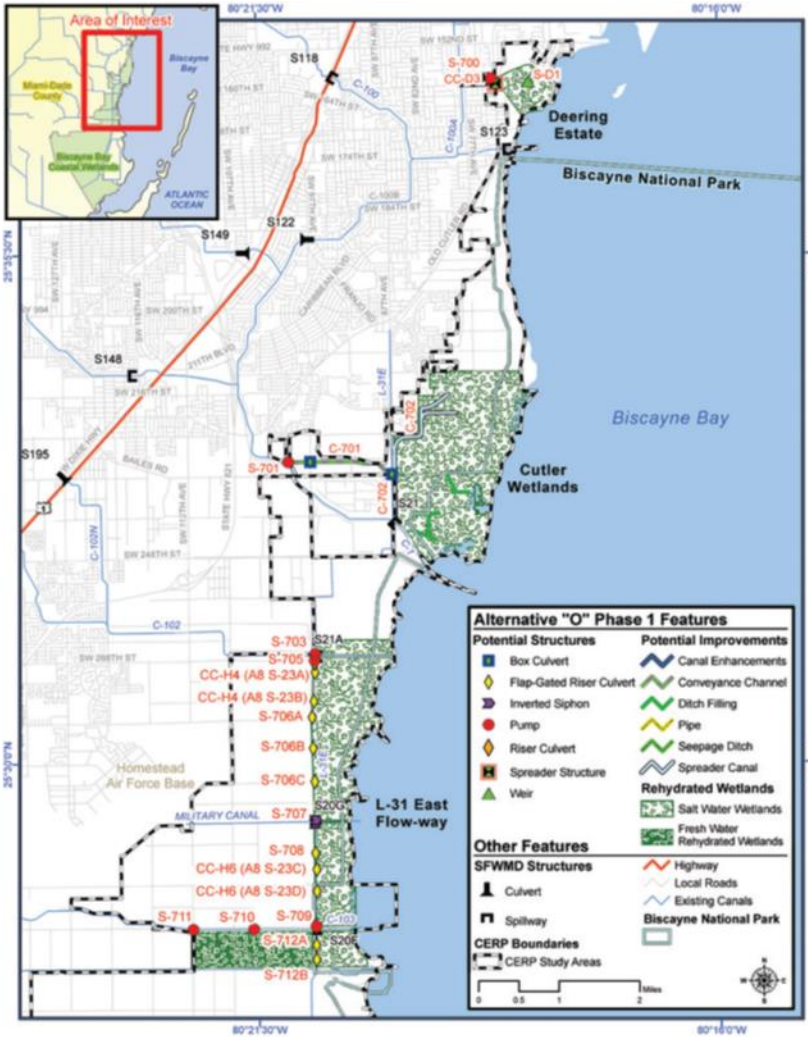
S-712A Culvert headwall prior to culvert pipe installation and the adjacent Biscayne National Park mangrove wetlands that will be hydrated as a result of this construction.



Planned Construction - SFWMD



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CONTRACT	COMPONENT	SCHEDULE
Contract 6 Cutler Wetlands	<ul style="list-style-type: none">Intake Canal, S-701Pump Station, S-701 (400 cfs)Cement Lined Channel, C-701Spreader Channel, C-702Culvert crossing at 87th AvenueCulvert Crossing at 97th AvenueMosquito control ditch plugs	Construction 2020 - 2022



Questions



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